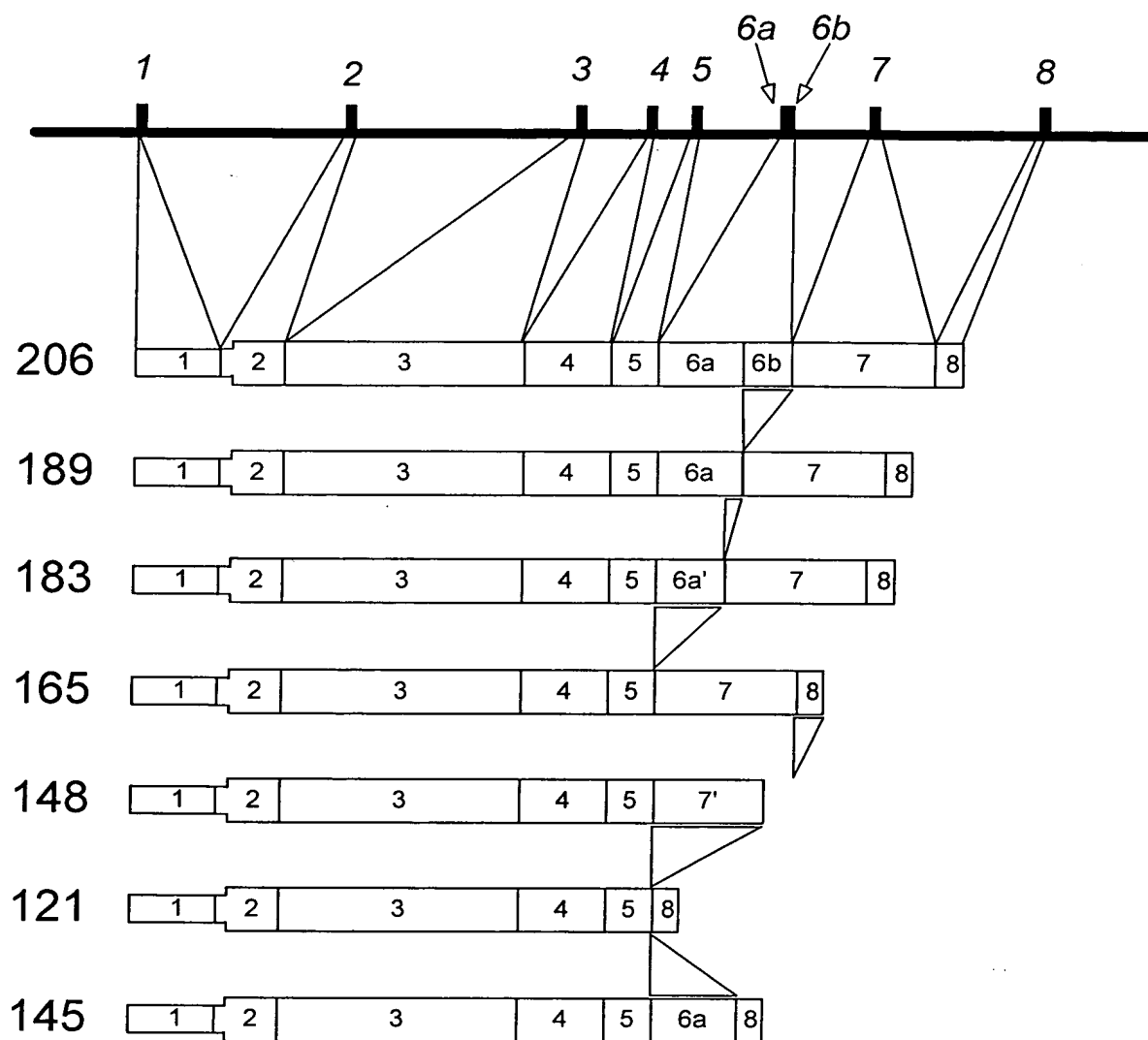




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HIGEMSFLQHNKCECRPKKDRARQEKCDKPRR

ATGAAC TTTCTGCTGTCTTGGGTGCATTGGAGCCTTGCCTTGCTGCTCTACCTCCA
CCATGCCAAGTGGTCCCAGGCTGCACCCATGGCAGAAGGAGGAGGGCAGAATCA
TCACGAAGTGGTGAAGTTCATGGATGTCTATCAGCGCAGCTACTGCCATCCAATCG
AGACCCTGGTGGACATCTTCCAGGAGTACCCTGATGAGATCGAGTACATCTTCAAG
CCATCCTGTGTGCCCCTGATGCGATGCGGGGGCTGCTGCAATGACGAGGGCCTG
GAGTGTGTGCCCCTGAGGAGTCCAACATCACCATGCAGATTATGCGGATCAAAC
CTCACCAAGGCCAGCACATAGGAGAGATGAGCTTCCTACAGCACAACAAATGTGA
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TGA

FIG. 1

**FIG. 2**

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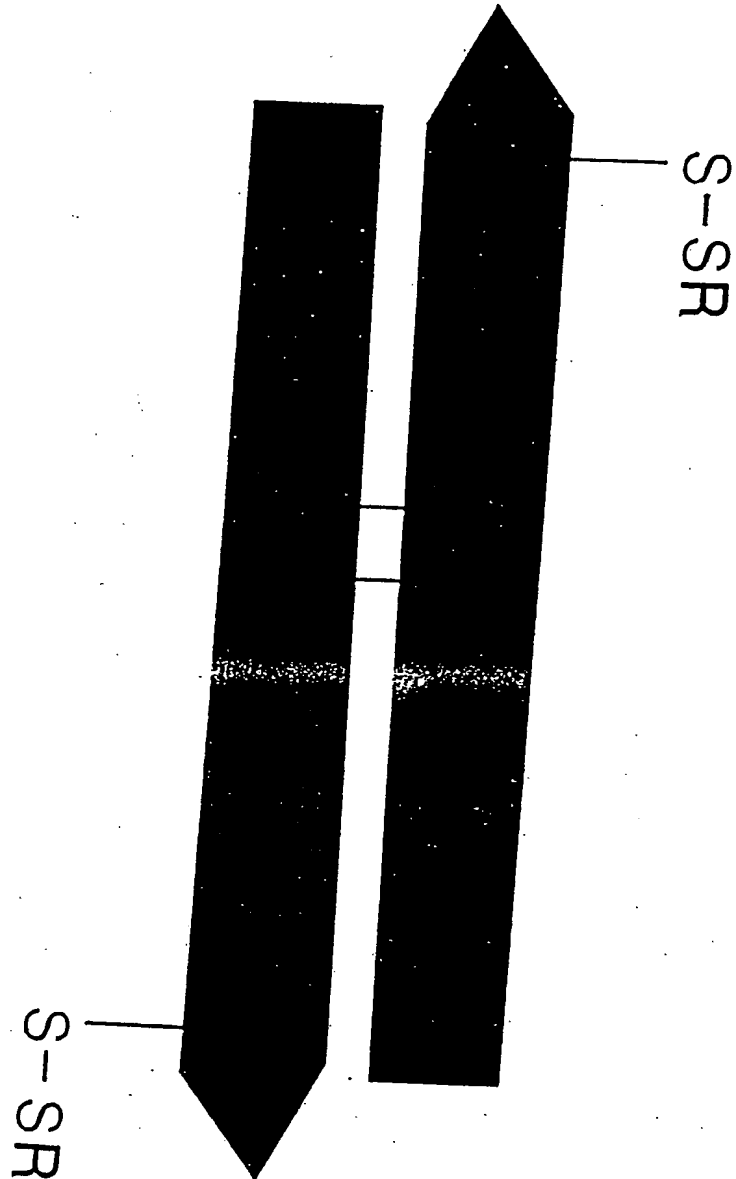
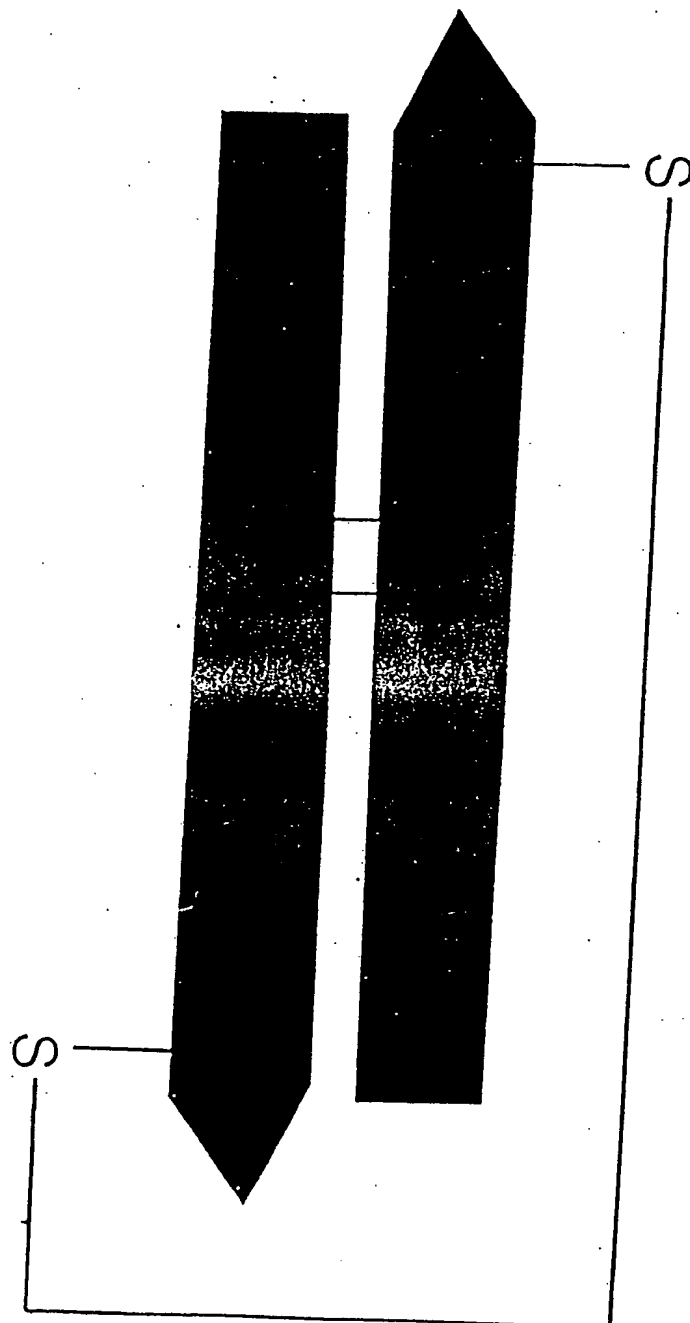


FIG. 3

Is VEGF 121 Cys116 a Mixed Disulfide?

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Is VEGF 121 Cys116 a Disulfide?

FIG. 4

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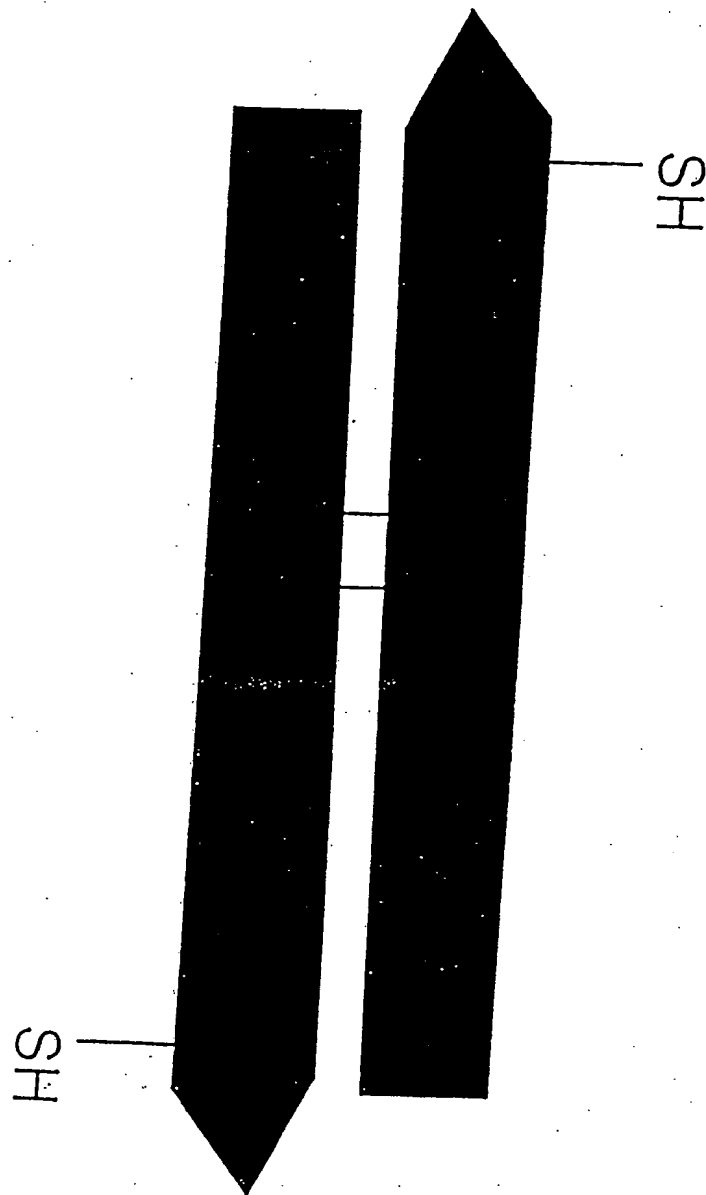
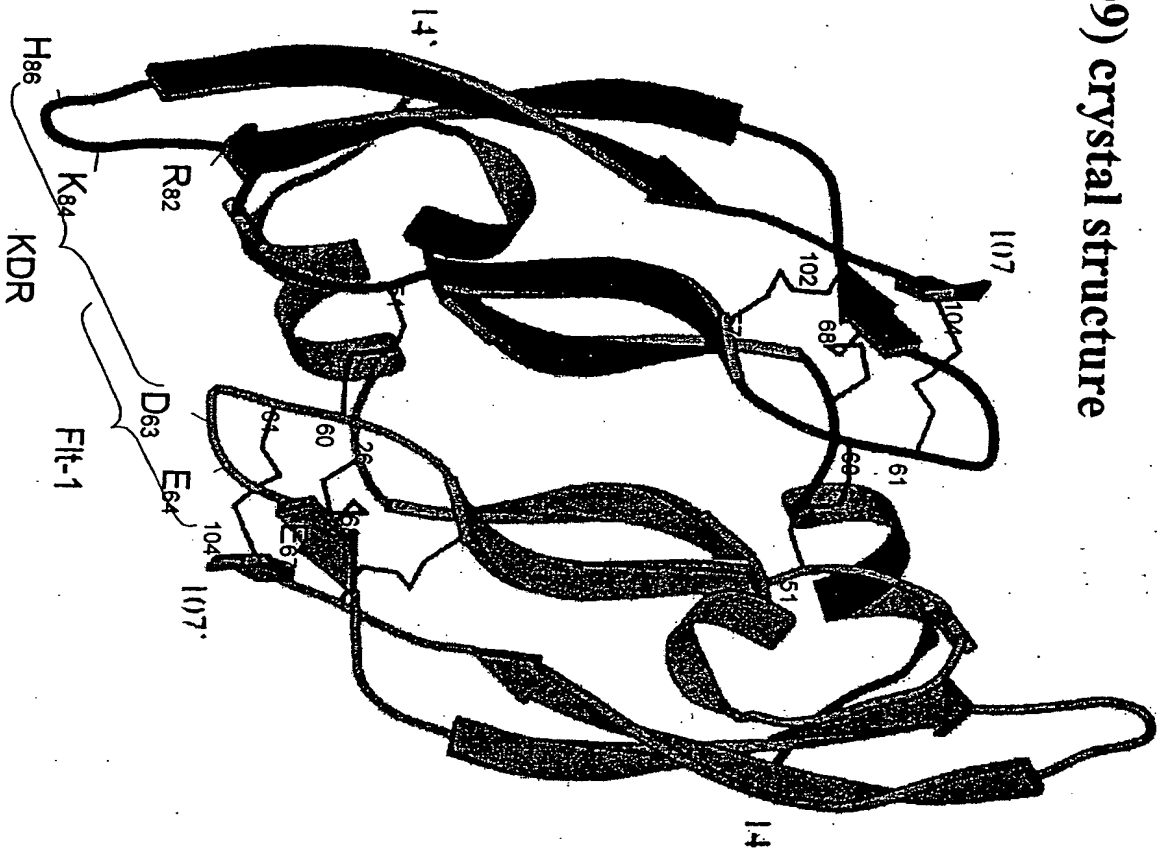


FIG. 5

VEGF (8-109) crystal structure

104 - 61
 102 - 57 } intra s-s
 26 - 68 }
 51 - 60 } inter s-s
 60 - 51 }



8-residue ring

104-s-s-61

102-s-s-57

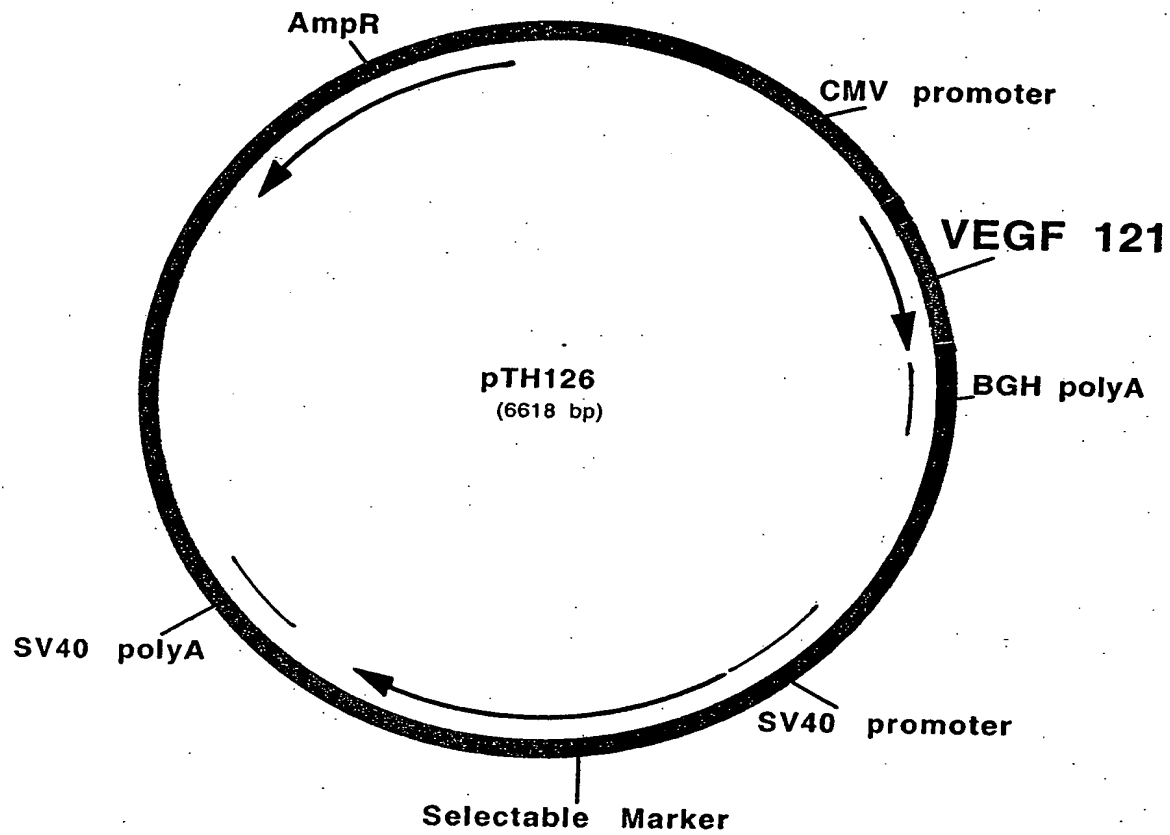
pass through
the ring

68-s-s-26

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Muller, Y.A. et al. PNAS, v94, p.7192, 1997

FIG. 6

**FIG. 7**

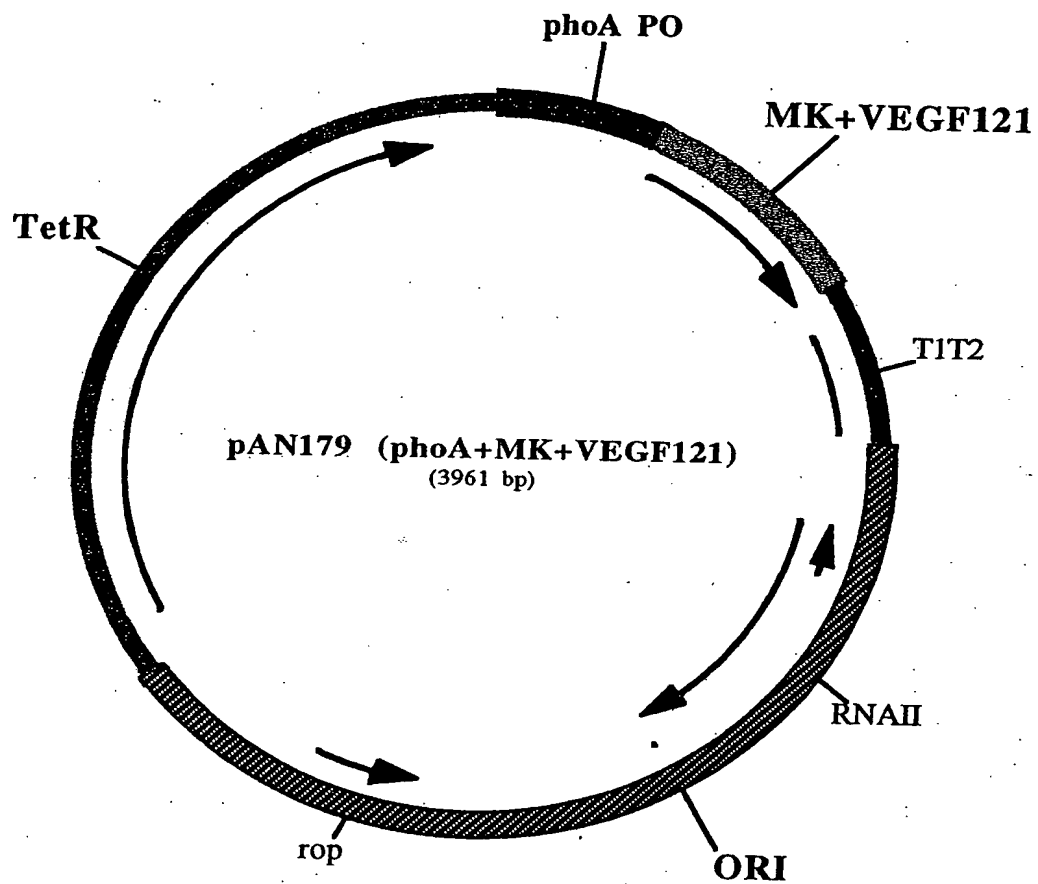


FIG. 8

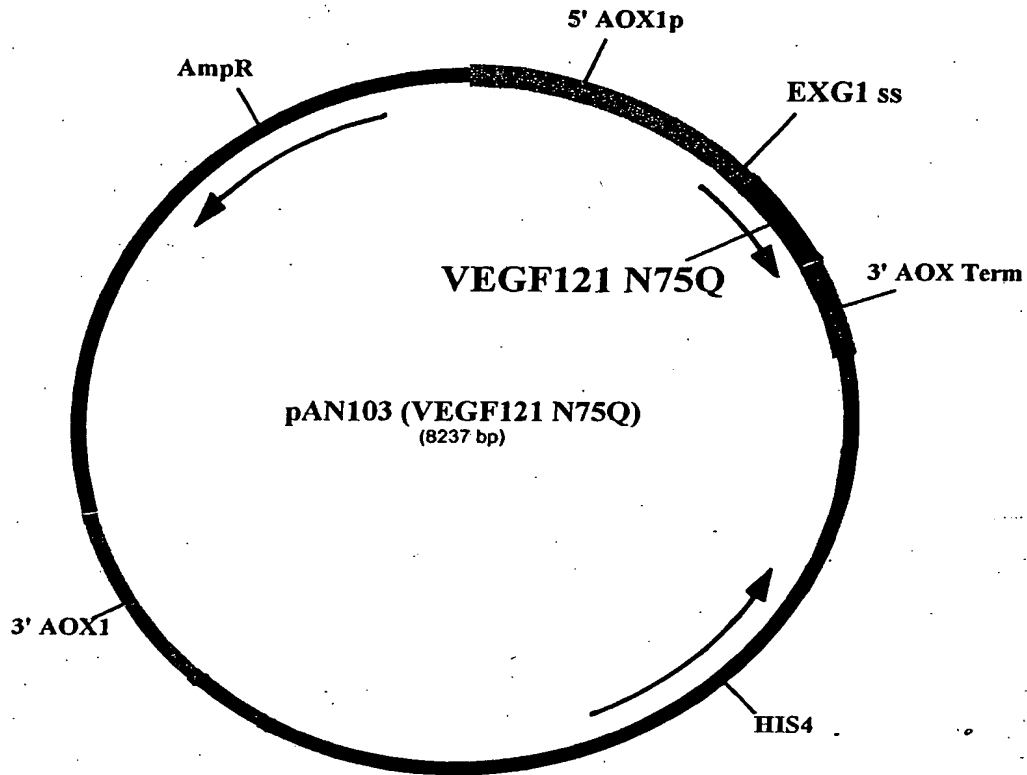


FIG. 9

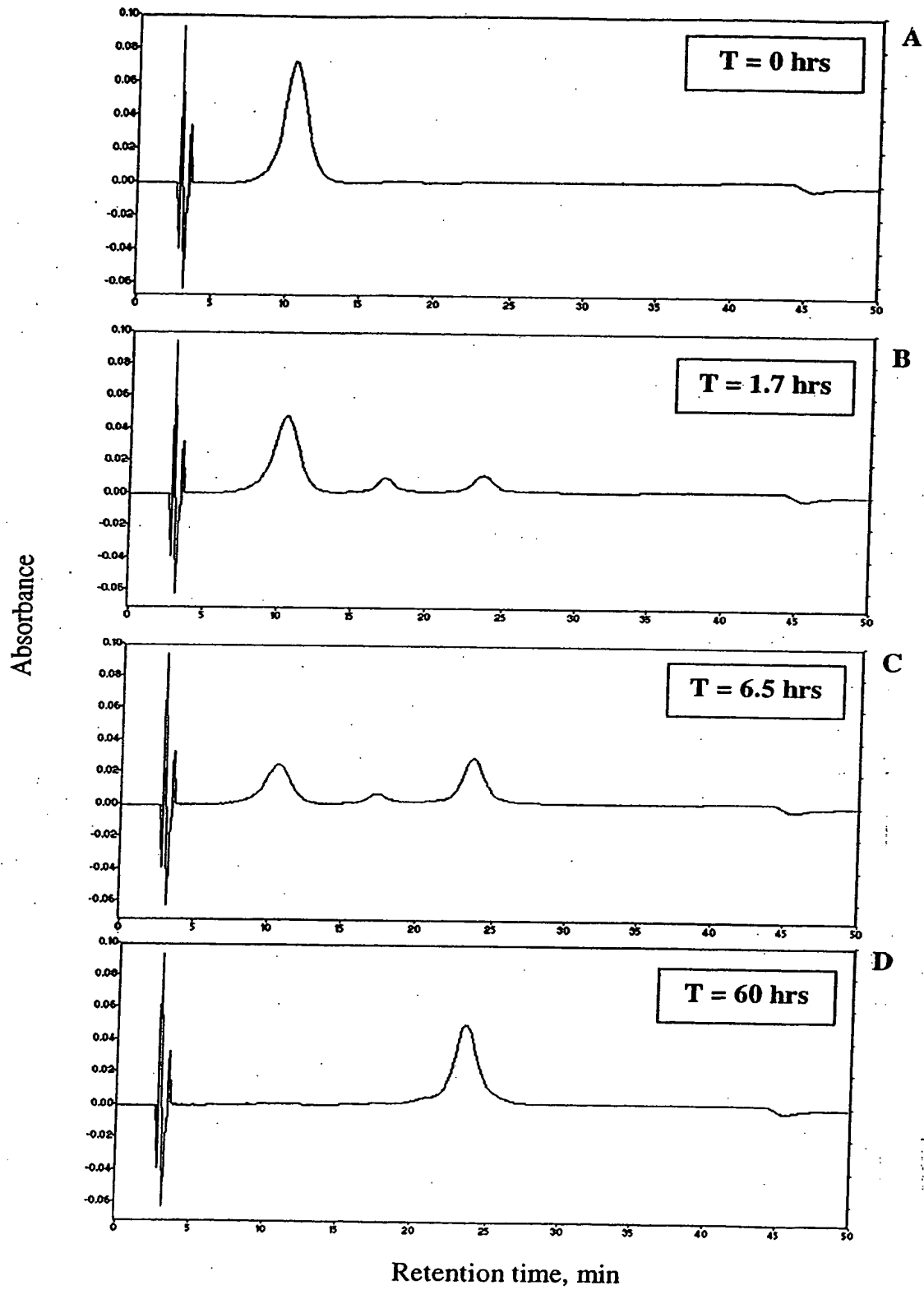
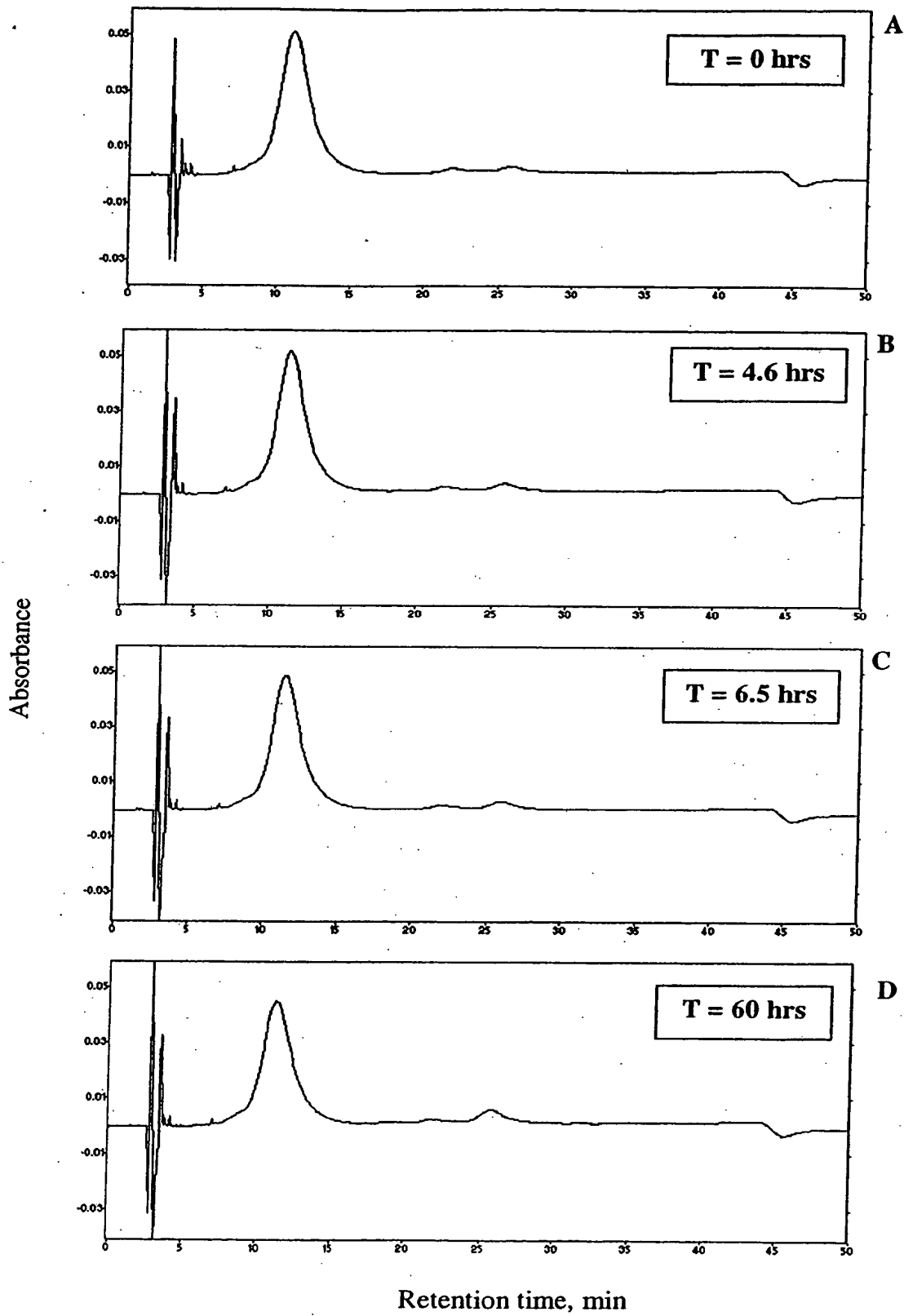


FIG. 10

**FIG. 11**

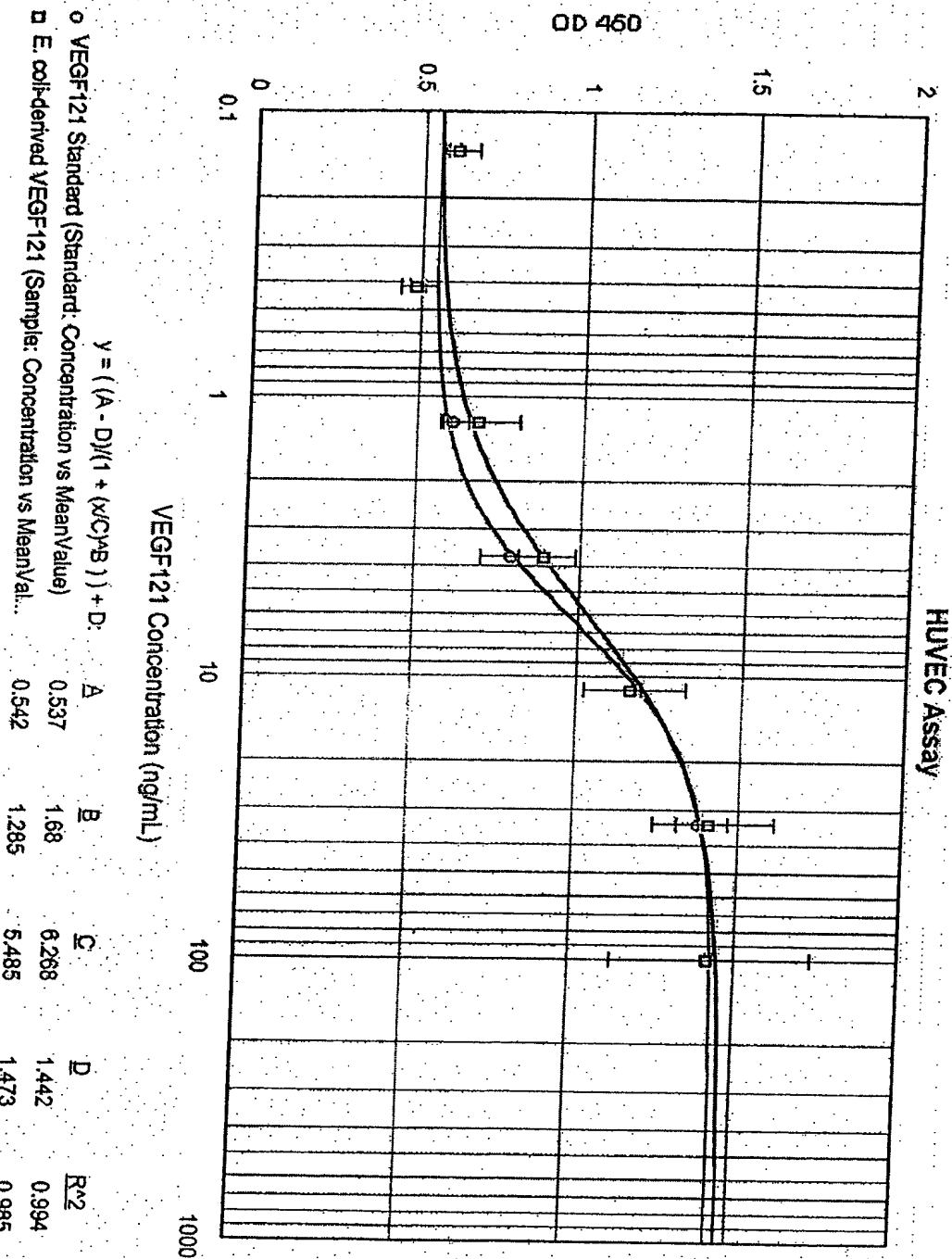


FIG. 12